

Title (en)  
CONGESTION AWARE X2 HANDOVER OF RELAY NODE

Title (de)  
STAU BEWUSSTE HANDOVER VOM RELAISKNOTEN

Title (fr)  
HANDOVER X2 DE NOEUD RELAIS PRENNANT LA CONGESTION EN COMPTE

Publication  
**EP 3226600 A1 20171004 (EN)**

Application  
**EP 17167753 A 20130321**

Priority

- US 201261615045 P 20120323
- US 201261615059 P 20120323
- US 201261615067 P 20120323
- US 201261615073 P 20120323
- US 201261615087 P 20120323
- EP 13765247 A 20130321

Abstract (en)  
A communication control method in a relay station that holds a donor base station list, is connected to a donor base station existing on the donor base station list, and performs relay transmission between the donor base station and a user terminal, comprises a step A of designating a neighboring base station, a step B of inquiring the neighboring base station designated in the step A of whether to accept or refuse the relay station, and a step C of updating the donor base station list in response to an inquiry result in the step B.

IPC 8 full level  
**H04W 16/26** (2009.01); **H04W 4/04** (2009.01); **H04W 8/00** (2009.01); **H04W 36/00** (2009.01); **H04W 84/00** (2009.01)

CPC (source: EP US)  
**H04B 7/15** (2013.01 - US); **H04W 16/26** (2013.01 - US); **H04W 36/0061** (2013.01 - US); **H04W 36/0072** (2013.01 - EP US); **H04W 36/008357** (2023.05 - EP US); **H04W 72/21** (2023.01 - US); **H04B 7/15507** (2013.01 - EP US); **H04W 24/02** (2013.01 - EP US); **H04W 36/249** (2023.05 - EP US); **H04W 84/047** (2013.01 - EP US)

Citation (applicant)  
"TS 36.300 VII. 0. 0", 3GPP TECHNOLOGY SPECIFICATIONS, December 2011 (2011-12-01)

Citation (search report)

- [A] WO 2011030836 A1 20110317 - KYOCERA CORP [JP], et al & EP 2477433 A1 20120718 - KYOCERA CORP [JP]
- [A] WO 2011019975 A1 20110217 - QUALCOMM INC [US], et al
- [A] ZTE: "Mobile relay architecture comparison from the perspective of handover", 3GPP DRAFT; R3-120026-MOBILE RELAY ARCHITECTURE COMPARISON FROM THE PERSPECTIVE OF HANDOVER, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG3, no. Dresden, Germany; 20120206 - 20120210, 31 January 2012 (2012-01-31), XP050566560

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2830344 A1 20150128; EP 2830344 A4 20160323**; EP 3226600 A1 20171004; JP 2016076960 A 20160512; JP 2018042275 A 20180315; JP 2019009810 A 20190117; JP 2020114019 A 20200727; JP 6062420 B2 20170118; JP 6239572 B2 20171129; JP 6405025 B2 20181017; JP 6960010 B2 20211105; JP WO2013141321 A1 20150803; US 10244515 B2 20190326; US 10791547 B2 20200929; US 11337193 B2 20220517; US 2015043422 A1 20150212; US 2017201978 A1 20170713; US 2019191431 A1 20190620; US 2020389890 A1 20201210; US 9642050 B2 20170502; WO 2013141321 A1 20130926

DOCDB simple family (application)  
**EP 13765247 A 20130321**; EP 17167753 A 20130321; JP 2013058143 W 20130321; JP 2014506282 A 20130321; JP 2015234059 A 20151130; JP 2017211710 A 20171101; JP 2018171165 A 20180913; JP 2020069319 A 20200407; US 201314386407 A 20130321; US 201715469314 A 20170324; US 201916281909 A 20190221; US 202017001107 A 20200824